

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: H-P. Valero

SERIAL NO: 10/005497

FILED: November 8, 2001

TITLE: Global Classification of Sonic Logs

DOCKET NO.: 26.0206 US

**GROUP ART UNIT: 2862** 

EXAMINER: Le, Toan M.

CERTIFICATE OF MAILING

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on this date by the person signing below.

Tricia E. Van Hooser

Tricia E. van Hoser

June 11, 2004

(name of person making deposit & sign)

Assistant Commissioner for Patents Alexandria, VA 22313-1450

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The following documents on the Form PTO-1449 are submitted to the United States Patent and Trademark Office under provisions of 37 CFR 1.97-1.98. Copies of references are enclosed including US 6,625,541 (USSR 09/591,401) and US 6,459,993 (USSR 09/578,454).

This statement is submitted prior to a final Office Action on the merits of the application.

Please charge any necessary fees to the deposit account for Schlumberger K.K., Account No. 50-1122.

Respectfully Submitted,

William L. Wang

Registration Number 38,871

Date:

Schlumberger K.K.

81-42-759-5202 81-42-759-5398 (fax) wwang@slb.com

2-2-1 Fuchinobe, Sagamihara-shi Kanagawa-ken, 229-0006 Japan

8 June 2004

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PTO/SB/08a (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

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Substitute for form 14494/PTO

Substitute for form 1449A/PTO Application Number

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

10/005497 Filing Date November 8, 2001 First Named Inventor H-P. Valero Art Unit 2862 **Examiner Name** Le, Toan M.

(Use as many sheets as necessary) Attorney Docket Number 26.0206 US 2 Sheet 1

			U. S. PATENT		
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 4,562,557 🐓	12-31-1985	T.W. Parks, C.F. Morris	
		<sup>US-</sup> 4,698,793 ₽	10-06-1987	P. Wu	
		<sup>US-</sup> 5,229,939 <b>ø</b>	07-20-1993	D.J. Scheibner, P.T. Wu	
		<sup>US-</sup> 6,459,993 <b>●</b>	10-01-2002	H-P. Valero, et la.	
		<sup>US-</sup> 6,625,541 <i>a</i>	09-23-2003	R.G. Shenoy, H-P. Valero	
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
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Examiner	Date	
Signature	Considered	
		4

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/005497 INFORMATION DISCLOSURE Filing Date November 8, 2001 STATEMENT BY APPLICANT First Named Inventor H-P. Valero Art Unit 2862 (Use as many sheets as necessary) **Examiner Name** Le, Toan M. Attorney Docket Number 26.0206 US Sheet of 12

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>					
		C.V. Kimball, T.L. Marzetta, "Semblance processing of borehole acoustic array data", Geophysics, Vol. 49, No. 3, pp. 274-281, 1984.					
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Examiner		Date	
Signature		Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Under the Pa	perwork Reduction Act of 1995, no perso	ns are required to respond to a collection	on of information unless it displays a valid OMB control number.						
		Application Number	10/005497						
TRANSMITTAL		Filing Date	November 8, 2001						
FORM		First Named Inventor	H-P. Valero						
(to be used for	all correspondence after initial filing)	Art Unit	2862						
	•	Examiner Name	Le, Toan M.						
Total Number of	f Pages in This Submission	Attorney Docket Number	26.0206 US						
ENCLOSURES (Check all that apply)									
After Alleumane communication									
	smittal Form ee Attached	Drawing(s) Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences						
Amendm	ent/Reply L	Petition	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)						
	fter Final	Petition to Convert to a Provisional Application Power of Attorney, Revocation	Proprietary Information						
<b> </b>	ffidavits/declaration(s)	Change of Correspondence Addre	Status Letter Other Enclosure(s) (please						
Extension	n of Time Request	Terminal Disclaimer	Identify below):						
Express A	Abandonment Request	Request for Refund							
✓ Information	on Disclosure Statement	CD, Number of CD(s)							
Certified Documer	Copy of Priority	arks .							
	e to Missing Parts/ te Application								
_ R	esponse to Missing Parts								
	nder 37 CFR 1.52 or 1.53		•						
	SIGNATURE	OF APPLICANT, ATTORNI	EY, OR AGENT						
Firm or Individual name	William L. Wang, #39	,871							
Signature	Weller								
Date	8 June 2004								
CERTIFICATE OF TRANSMISSION/MAILING									
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.									
Typed or printed	Tricia E.	van Hooser							
Signature	Tricia E.	van Hooser van Hooser	Date June 11, 2004)						
			V						

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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#### Complete if Known **FEE TRANSMITTAL** 10/005497 **Application Number** Filing Date November 8, 2001 for FY 2004 First Named Inventor H-P. Valero Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Le, Toan M. Applicant claims small entity status. See 37 CFR 1.27 2862 Art Unit TOTAL AMOUNT OF PAYMENT 06 0006 116

Attorney Docket No.   26.0206 GS									
METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued)									
Check Credit card Money Other None 3. ADDITIONAL FEES									
Deposit Account:			Small						
Denosit	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid			
Account Number 50-1122	1051	130	2051	• •	Surcharge - late filing fee or oath				
Deposit Account Schlumberger K.K.	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet				
Name The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification				
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<b>——</b>			
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action				
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action				
to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month				
FEE CALCULATION	1252	420	2252	210	Extension for reply within second month				
1. BASIC FILING FEE Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month				
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month				
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month				
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal				
1003 530 2003 265 Plant filing fee	1402	330	2402		Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 0	1452	110	2452	55	Petition to revive - unavoidable				
	1453	1,330	2453	665	Petition to revive - unintentional				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)				
Extra Claims below Fee Paid  Total Claims 20** = 0 x = 0	1502	480	2502	240	Design issue fee	L			
Independent	1503	640	2503	320	Plant issue fee				
Claims	1460	130	1460	130	Petitions to the Commissioner				
	1807	50	1807	7 50	Processing fee under 37 CFR 1.17(q)	<u> </u>			
Large Entity   Small Entity Fee Fee Fee Fee Pescription	1806	180	1806		Submission of Information Disclosure Stmt	180			
Code (\$)	8021	40	8021	1 40	Recording each patent assignment per property (times number of properties)				
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))				
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be				
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b))  Request for Continued Examination (RCE)				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application				
	Other fee (specify)								
SUBTOTAL (2) (\$) <sup>((\$) U</sup> **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 180								
SUBMITTED BY									

SUBMITTED BY	(Complete (	if applicable))			
Name (Print/Type) William L. Wang Registration No. (Attorney/Agent) 39,871				Telephone 81-42-759-5202	
Signature	UMMINNO-			Date	8 Jone 2004

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